

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 2    | JP-08305589-\$.<br>did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/01/08<br>13:09 |
| L2    | 1    | JP-05158672-\$.<br>did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/01/08<br>13:10 |
| L3    | 2    | JP-08137686-\$.<br>did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/01/08<br>13:12 |
| L5    | 19   | ("4796220"  <br>"4947318"  <br>"5371792"  <br>"5481672"  <br>"5488410"  <br>"5563947"  <br>"5652793").PN.<br>OR ("5870467").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/01/08<br>13:14 |
| L4    | 2    | "5870467".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/01/08<br>13:14 |
| L39   | 188  | (printer or copier<br>or (image adj form<br>\$3 adj (device or<br>apparatus))) same<br>(determin\$5 or<br>detect\$3) same<br>(whether with<br>(program\$1 or<br>application\$1)<br>with (install\$4 or<br>download\$4 or<br>updat\$3)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/01/08<br>13:20 |

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| L44 | 44573 | L43  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:39 |
| L43 | 44573 | (358/1.13 or<br>358/1.14 or<br>358/1.15 or<br>358/305 or<br>358/409 or 399/8<br>or 399/9 or<br>399/10 or 399/11<br>or 399/12 or<br>399/13 or 399/77<br>or 399/78 or<br>399/79 or<br>717/120 or<br>717/168 or<br>717/169 or<br>717/170 or<br>717/171 or<br>717/172 or<br>717/173 or<br>717/174 or<br>717/175 or<br>717/176 or<br>717/177 or<br>717/178 or<br>717/126 or<br>717/127 or<br>718/104 or<br>710/19 or 710/62<br>or 710/72 or<br>709/229 or<br>709/203 or<br>709/310 or<br>705/56 or 705/58).<br>cccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:39 |
| L48 | 186   | L44 and L47  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:40 |
| L47 | 440   | L46 and (determin<br>\$5 same<br>((program or<br>application) near2<br>(update\$3 or install<br>\$4)))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:40 |

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| L46 | 2431 | (printer or MFP or (image adj (process\$3 or forming) adj apparatus)) same ((install\$3 or updat \$3) near (application\$1 or program\$1)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:40 |
| L45 | 79   | L44 and L39  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:40 |
| L53 | 3578 | L52  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:50 |
| L52 | 3578 | (L49 or L50 or L51)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:50 |
| L51 | 118  | Ando-Mitsuo  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:50 |
| L50 | 3431 | Tanaka-Hiroyuki  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:50 |
| L49 | 76   | Akiyoshi-Kunihiro  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:50 |

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| L55 | 10     | L53 and L47                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:51 |
| L54 | 8      | L53 and L39                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:51 |
| L57 | 271711 | L56   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:57 |
| L56 | 271711 | Ricoh.as.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:57 |
| L60 | 13     | ("5159324").PN.<br>OR ("5678135").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/08<br>13:58 |
| L59 | 18     | L57 and L47                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:58 |
| L58 | 14     | L57 and L39                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>13:58 |
| L62 | 107    | L61 and L47                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:00 |

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| L61 | 19965 | (358/1.1 or 358/1.11-1.18).<br>ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:00 |
| L63 | 59    | L61 and L39   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:01 |
| L64 | 70    | L47 and L39   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:02 |
| L75 | 6     | L73 and L39   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:35 |
| L74 | 19    | L73 and L47   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:35 |
| L73 | 30439 | (709/213 or 709/217-219 or 709/226-229 or 719/311-313 or 719/319 or 719/328 or 719/329 or 719/310 or 710/72-74).ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>14:35 |

1/ 8/ 2009 2:39:30 PM

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